



USSN 10/722,992  
Attorney Docket No. 2003-0105-01

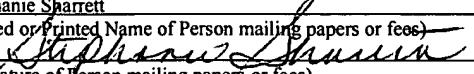
CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

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I hereby certify that this paper or fee is being deposited with the United States Post Office Service First Class Mail Post Office to Addressee services under 37 C.F.R. 1.08 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C., 20231.

Stephanie Sharrett

(Typed or Printed Name of Person mailing papers or fees)



(Signature of Person mailing papers or fees)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Palash P. Das, et al.

Serial No.: 10/722,992

Filing Date: November 26, 2003

Title: VERY HIGH ENERGY, HIGH  
STABILITY GAS DISCHARGE LASER  
SURFACE TREATMENT SYSTEM

Examiner: Unassigned

Group Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

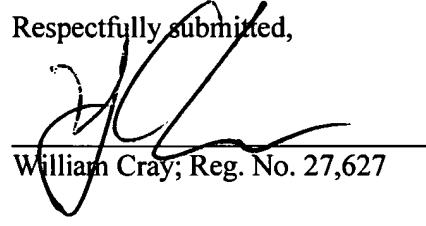
In accordance with 37 C.F.R. § 1.97 and § 1.98, applicants submit for consideration in the above-identified application the attached Form PTO-1449. The Information Disclosure Statement submitted herewith is being filed before the mailing date of the first Office Action on the merits. Copies of the cited references are not provided pursuant to the USPTO waiving the requirement of submitting patent copies for applications filed after June 30, 2003, however Items AY through BC are provided herewith.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Accordingly, no fee is believed to be due. The Commissioner is hereby authorized to charge any fees, or to credit any overpayment to Deposit Account No. 03-4060.

Respectfully submitted,



William Cray; Reg. No. 27,627

February 12, 2004  
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17075 Thornmint Court  
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U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.	Serial No.			
					2003-0105-01	10/722,992			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>					Applicant(s)				
					Palash Das, et al.				
					Filing Date	Group			
					November 26, 2003	Unassigned			
U.S. Patent Documents									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	A	4,223,279	9/16/80	Bradford, Jr., et al.	331	94.5			
	B	4,455,658	6/19/84	Sutter, et al.	372	38			
	C	4,618,759	10/21/86	Muller, et al.	219	121			
	D	4,959,840	9/25/90	Robert Akins, et al.	372	57			
	E	5,023,884	6/11/91	Robert Akins, et al.	372	57			
	F	5,025,445	6/18/91	Anderson, et al.	372	20			
	G	5,025,446	6/18/91	Dirk J. Kuizenga	372	21			
	H	5,189,678	2/23/93	Ball, et al.	372	28			
	I	5,313,481	5/17/94	Cook, et al.	372	37			
	J	5,315,611	5/24/94	Ball, et al.	372	56			
	K	5,359,620	10/25/94	Robert Akins	372	58			
	L	5,448,580	9/5/95	Birx, et al.	372	38			
	M	5,471,965	12/5/95	Davorin D. Kapich	123	565			
	N	5,852,621	12/22/98	Richard L. Sandstrom	372	25			
	O	5,863,017	1/26/99	Larson, et al.	248	176.1			
	P	5,953,360	9/14/99	Vitruk, et al.	372	87			
	Q	5,978,394	11/2/99	Newman, et al.	372	32			
	R	5,991,324	11/23/99	Knowles, et al.	372	57			
	S	6,005,879	12/21/99	Sandstrom, et al.	372	25			
	T	6,016,325	1/18/00	Ness, et al.	372	38			
Foreign Patent Documents									
								Translation	
		Document	Date	Country	Class	Subclass	Yes	No	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
Examiner			Date Considered						
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>									

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O P INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant(s)	
<i>FEB 17 2004</i> PATENT & TRADEMARK OFFICE		Palash Das, et al.	
		Filing Date	Group
		November 26, 2003	Unassigned

## U.S. Patent Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
U	6,018,537	1/25/00	Hofmann, et al.	372	25	
V	6,028,880	2/22/00	Carlesi, et al.	372	58	
W	6,067,306	5/23/00	Sandstrom, et al.	372	38	
X	6,067,311	5/23/00	Morton, et al.	372	57	
Y	6,094,448	7/25/00	Fomenkov, et al.	372	102	
Z	6,104,735	8/15/00	R. Kyle Webb	372	37	
AA	6,128,323	10/3/00	Myers, et al.	372	38	
AB	6,143,661	11/7/00	Kousai, et al.	438	689	
AC	6,151,349	11/21/00	Gong, et al.	372	58	
AD	6,164,116	12/26/00	Rice, et al.	73	1.72	
AE	6,192,064	2/20/01	Algots, et al.	372	99	
AF	6,208,674	3/27/01	Webb, et al.	372	57	
AG	6,208,675	3/27/01	R. Kyle Webb	372	58	
AH	6,212,211	4/3/01	Azzola, et al.	372	33	
AI	6,219,368	4/17/01	Sergei Govorkov	372	59	
AJ	6,240,117	5/29/01	Gong, et al.	372	58	
AK	6,317,447	11/13/01	Partlo, et al.	372	57	
AL	6,330,261	12/11/01	Ishihara, et al.	372	38.1	
AM	6,414,979	7/2/02	Ujazdowski, et al.	372	87	
AN	6,477,193	11/5/02	Oliver, et al.	372	58	
AO	6,549,551	4/15/03	Ness, et al.			

## Foreign Patent Documents

						Translation	
	Document	Date	Country	Class	Subclass	Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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## U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
QIP	AP	6,618,421	9/9/03	Das, et al.	372	55	
JO	AQ	6,625,191	9/23/03	Knowles, et al.	372	55	
FEB 17 2004	AR	09/451,995	11/30/99	Hofmann, et al.			
PATENT & TRADEMARK OFFICE	SAS	10/606,412	6/25/03	Saethre, et al.			
	AT	10/607,407	6/25/03	Ness, et al.			
	AU	10/712,545	11/13/03	R. Kyle Webb, et al.			
	AV	2002/0021728	2/21/02	Newman, et al.	372	55	
	AW	2002/0167986	11/14/02	Pan, et al.	372	55	
	AX	2003/0099269	5/29/03	Ershov, et al.	372	55	

## Foreign Patent Documents

						Translation		
		Document	Date	Country	Class	Subclass	Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AY	Dassow, et al., "YVO <sub>4</sub> Laser Crystallization for Thin Film Transistors with a High Mobility," Mat. Res. Soc. Symp., Proc. Vol. 621, pp. 9.3.1-9.3.6, (2000).
AZ	Kudo, et al., "Advanced Lateral Crystal Growth of a Si Thin Films by Double-Pulsed Irradiation of All Solid-State Lasers," Mat. Res. Soc. Symp. Proc. Vol. 762, pp. A16.5.1-6, (2003).
BA	Voutsas, A.T., "A New Era of Crystallization: Advances in Polysilicon Crystallization and Crystal Engineering," Applied Surface Science, 208-209, pp. 250-262, (2003).
BB	Wexler, et al., "Use of XeCl Amplifiers for Degenerate Four Wave Mixing", American Institute of Physics, Excimer Lasers - 1983, C. Rhodes, et al. Editors, pp. 165-171, (1983).
BC	Yres, J., et al., "Low Temperature Poly-Si for Liquid Crystal Display Addressing," Philips Research Laboratories, Surrey, England, (May 11 1993); <a href="http://www.atip.org/ATIP/public/atip.reports.93/mita-lcd.93.html">http://www.atip.org/ATIP/public/atip.reports.93/mita-lcd.93.html</a> .

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